

SEQUENCE LISTING

<110> Jaeger, Stefan
<120> A method for determination of a nucleic acid using a control
<130> 18981
<160> 17
<170> PatentIn Ver. 2.1
<210> 1
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial sequence to exemplify principle

<400> 1
agcgcattgcc agattactgg c 21

<210> 2
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial sequence to exemplify principle

<400> 2
tcgcgtacgg tctaatgacc g 21

<210> 3
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ST650 HCV specific probe sequence

<220>
<221> N_region
<222> (15)
<223> n represents abasic linker
((2-amino-cyclohexyl-)propan-1,3-diol)

<400> 3
cggtgtactc accgnntccg cagaccacta tggc 34

<210> 4
<211> 31
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST2535 probe sequence

<220>
<221> N_region
<222> (15)
<223> n represents an abasic linker
(2-amino-cyclohexyl-)propan-1,3-diol)

<400> 4
tggactcagt cctntggtca tctcaccttc t 31

<210> 5
<211> 34
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ST650pc probe
sequence (parallel-complementary to ST650)

<220>
<221> N_region
<222> (15)
<223> n represents an abasic linker
(2-amino-cyclohexyl-)propan-1,3-diol

<400> 5
gccacatgag tggcnaaggc gtctggtgat accg 34

<210> 6
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST280
HCV-specific Primer-sequence

<400> 6
gcagaaaagcg tctagccatg gcgtta 26

<210> 7
<211> 28
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST778
HCV-specific Primer-sequence

<400> 7
gcaagcaccc tatcaggcag taccacaa 28

<210> 8
<211> 26
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST280pc Primer
parallel-complementary to ST280

<400> 8
cgtctttcgc agatcggtac ctcaat 26

<210> 9
<211> 28

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:ST778pc Primer parallel-complementary to ST778

<400> 9
cgttcgtggg atagtcgcgc atgggttt

28

<210> 10
<211> 241
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: DNA sequence derived by amplification of HCV type 1 using the primers ST280 and ST778

<400> 10
gcagaaaagcg tcttagccatg gcgttagtat gagtgtcgtg cagcctccag gaccccccct 60
ccggggagag ccatagtggt ctgcggaaacc ggtgagtaca ccggaaattgc caggacgacc 120
gggtcccttc ttggatcaac ccgctcaatg cctggagatt tgggcgtgcc cccgcgagac 180
tgctagccga gtatgttgg gtcgcgaaag gccttgggt actgcctgat agggtgcttg 240
c 241

<210> 11
<211> 943
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: QS(pc)HCV being parallel-complementary to according region of the HCV type1 genome

<400> 11
agatctccgc tgtgagggtgg tatctagtga ggggacactc cttgatgaca gaagtgcgtc 60
tttcgcagat cggtaaccgc atcatactca cagcacgtcg gaggtcctgg gggggagggc 120
cctctcggtt tcaccagacg ccttggccac tcatacggtcc ttaacgggtcc tgctggccca 180
ggaaaagaacc tagttggcg agttacggac ctctaaaccc gcacgggggc gctctgacga 240
tcggctcatc acaacccaggc gctttccggc acaccatgac ggactatccc acgaacgctc 300
acggggccctt ccagagcatt tggcacgtgg tactcggtct taggatttgg agtttcttt 360
tggtttgcatt tgggttggc ggcaagggtgc ctgcaggatca agggcccgcc accagtttag 420
caaccacctc aaatggacaa cggcgctcc cgggggtcca acccacacgc ggcgcagttcc 480
ttctgaaggc tcgcccagctg tggagcacct tccgctgttg gataggggtt ccgagcggct 540
gggctcccgat cccggaccccg agtcggggccc atgggaaccg gggagatacc gttactcccg 600
taccccaccc gtcctaccga ggacagtggg gcaccaaaggcc cccgatcaac cccggggagt 660
ctggggcccg catccagcgc attaaacccca ttccagtagc tatggaaatg tacgcccgaag 720
cggtggagt accccatgtt aggcgagcag cccggggggatcccccggc ggggtcccccgg 780
gaccgcgtac cgcaggccca agacctcctg cccgacttga tacgttgcctt cttaaacggg 840
ccaaacgagaa agagatagaa ggagaacccaa aacgacagaa caaactggta gggtcgaagg 900
cgaataacttc acgcgtaaac atgaggatta cccatgttaag ctt 943

<210> 12
<211> 241
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: amplicon derived from QS(pc)HCV using the primers ST280pc and ST778pc

<400> 12
cgctttcgc agatcggtac cgcaatcata ctcacagcac gtccggaggtc ctggggggga 60
ggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtccctgctgg 120
cccagggaaag aaccttagttt ggcgagttac ggacacctaa accccgcacgg gggcgctctg 180
acgatcggtc catcacaacc cagcgctttc cggaacacca tgacggacta tccccacgaac 240
g 241

<210> 13
<211> 241
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:amplicon
sequence derived from QSHCV (HCV amplification
control having binding sites for ST280, ST778 and
ST2535) using the primers ST280 and ST778

<400> 13
gcagaaaagcg tctagccatg gcgttagtat agtggcgtga gagcagccct tgcctcgccc 60
accgcgcgtc tagaagggtga gatgaccaga ggactgagtc caatgcgtgc tggctccgag 120
atgtccgcga aacttgcgtca acacgtgact gcgtacggcg ggcgtgcccgg cctggctgtg 180
tatgagctgg tgaccgtgtat ctggctggag gccttgggt actgcctgtat agggtgcttg 240
c 241

<210> 14
<211> 375
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: ICSJ620HCV
(HCV specific amplification control having a
binding site for ST280 and ST778 and an internal
region being parallel-complementary to HCV)

<400> 14
agatctcggt cgggggacta ccccccgtgt gaggtggtac ttatgtgggg gacactccctt 60
gatgacagaa gtggcagaaa gcgtcttagcc atggcggttac atactcacag cacgtcggag 120
gtccctggggg ggagggccct ctcggtatca ccagacgcct tggccactca tgtggccta 180
acggtcctgc tggcccagga aagaacctag tttggcggag ttacggacct ctaaacccgc 240
acgggggcgc tctgacgtac ggctcatcac aaccgcgcgc ttccgggttg tggtaactgcc 300
tgatagggtg cttgcctcga gggccctcc agagcatctg gcacgtggaa acatgaggat 360
taccatgtta agctt 375

<210> 15
<211> 242
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: amplicon
derived from ICSJ620HCV (HCV-specific
amplification control) using ST280 and ST778 as
primers

<400> 15
gcagaaaagcg tctagccatg gcgttacata ctcacagcac gtccggaggtc ctggggggga 60
ggccctctc ggtatcacca gacgccttgg ccactcatgt ggccttaacg gtccctgctgg 120
cccagggaaag aaccttagttt gggcgagttac cgacacctaa accccgcacgg gggcgctctg 180
gacgatcggtc tcatcacaac ccagcgcttt ccgggttgg tactgcctga tagggtgctt 240
gc 242

<210> 16
<211> 46

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: NTQ21-46-A

<400> 16
cgatcatctc agaacattct tagcgtttg ttcttgta tgatcg 46

<210> 17
<211> 21
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: artificial sequence to exemplify principle

<400> 17
cggtcattag accgtacgca a 21